

Sample Items - Language

Read the given passage and answer the questions from 1 to 5.

The universe is a huge place with galaxies, planets and stars. So, are the living things only on Earth?

We have not yet discovered life on any other planet. However, let's think about life on our planet, Earth. Let's not think of big living things like elephants and whales. Think of tiny living things. We keep finding new ones.

What we understand as our environment keeps changing. We have only started exploring our planet and know very little about other planets. Places like Saturn's moon might have life, as some research has shown. We do not know, but we may find out in the future. Let's keep looking.

- 1. According to the passage, which place might possibly have life?**
 - A. Venus' moon
 - B. Saturn's moon
 - C. Neptune's moon
 - D. Earth's moon

- 2. According to the passage, what do humans know of other planets?**
 - A. Humans know that other planets have many moons.
 - B. Humans know that other planets have elephants and whales.
 - C. Humans know a lot about other planets.
 - D. Humans know very little about other planets.

3. **What does 'Let's keep looking' indicate?**
- A. Humans should keep looking for other big living things.
 - B. Humans should keep looking for other planets.
 - C. Humans should keep looking for life on other planets.
 - D. Humans should stop looking for life on other planets.
4. **What does the passage NOT talk about?**
- A. We may gain new knowledge in the future.
 - B. Some planets are composed of gases.
 - C. Life might exist on other planets.
 - D. Environments on Earth are changing.
5. **What does the passage try to say?**
- A. There are more tiny living things than big living things.
 - B. We have already discovered everything about the universe.
 - C. We still don't know much about the universe we live in.
 - D. The universe has living things on every planet and star.

Read the given poster and answer the questions from 6 to 10.

Healthy Vegetable Pancake Recipe

Ingredients

- Gram flour
- Turmeric
- Chopped onions, tomatoes, green chilli
- Salt
- Oil
- Water

Method:

1. Mix four tablespoons of gram flour, some salt, and half a teaspoon of turmeric in a bowl.
2. Add 100 ml water and make a smooth batter.
3. Take one small onion, one small tomato, a green chilli, and chop them finely into small pieces.
4. Add the chopped vegetables to the batter and mix.
5. Heat a pan and grease it with oil.
6. Pour some batter into the pan.
7. Cook until the pancake is golden brown on both sides. Looks crispy, right?
8. Serve it with a sauce made of coriander and tomatoes.

Enjoy the healthy meal!

6. Which ingredient is added while making the batter?

- A. Coriander
- B. Oil
- C. Turmeric
- D. Butter

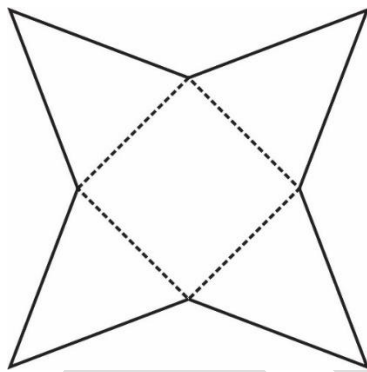
7. Which ingredient does **NOT** have an exact measurement mentioned in the recipe?
- A. Tomato
 - B. Salt
 - C. Turmeric
 - D. Chilli
8. When should we pour the batter into the pan?
- A. Before heating the pan
 - B. After greasing the hot pan
 - C. After heating the pan
 - D. After washing the hot pan
9. Choose the main ingredients of the pancake batter.
- A. Salt and turmeric
 - B. Turmeric and water
 - C. Gram flour and water
 - D. Gram flour and tomatoes
10. What does the pancake 'being golden brown' mean?
- A. It's been cooked well on both sides.
 - B. It's been burnt on both sides.
 - C. The batter has been mixed well.
 - D. There is enough turmeric in the batter.

Sample Items - Mathematics

11. Find the difference in place value between the two 8's in the given number 83812.

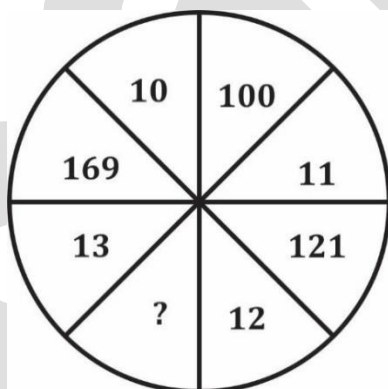
- A. 7,200
- B. 79,200
- C. 79,920
- D. 7,992

12. On folding the paper given below along the dotted lines, which shape would be formed?



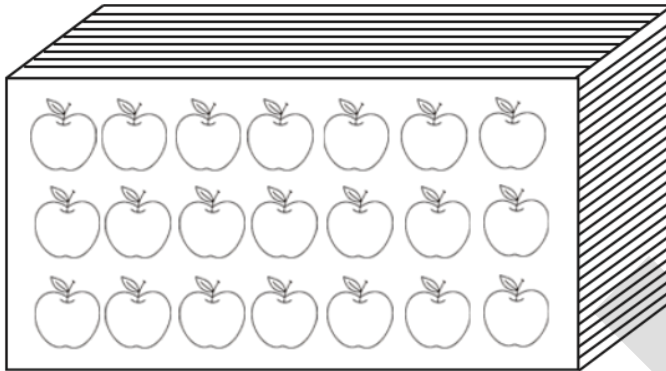
- A. Cone
- B. Prism
- C. Pyramid
- D. Cube

13. A man gave his wife ₹ 10,000 for household expenses. She spent ₹ 7,600 and distributed the remaining amount equally among their 3 children. How much money does each child receive?
- A. ₹ 2,500
B. ₹ 800
C. ₹ 2,400
D. ₹ 833
14. Which of the following correctly represents the number 9064 in the expanded form?
- A. $9000 + 0 + 60 + 4$
B. $900 + 6000 + 60 + 4$
C. $9000 + 600 + 4$
D. $900 + 60 + 4$
15. In the given figure, the numbers are written according to a series. Find the missing number in the series.

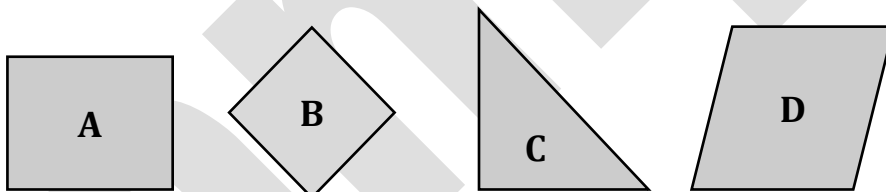


- A. 225
B. 81
C. 144
D. 400

16. If shoppers buy 18 of the apples from the carton shown below, what fraction of the apples will be left in the carton?

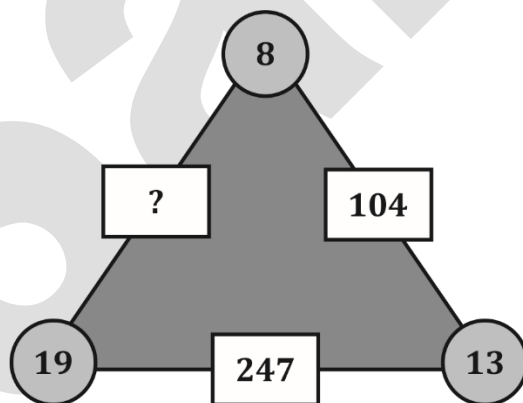


- A. $\frac{1}{5}$
B. $\frac{1}{6}$
C. $\frac{1}{7}$
D. $\frac{1}{8}$
17. Identify the polygon which does NOT have any right angles.



- A. A
B. B
C. C
D. D

18. A student was asked to subtract 1 from the smallest 6-digit number. What would be the resultant number?
- A. 99,999
B. 10,000
C. 9,99,999
D. 1,00,000
19. After walking 100 meters towards North, Arjun takes a right turn and walks 135 meters to reach his school. In which direction is he facing now?
- A. East
B. West
C. South
D. North
20. What is the correct value for the box with the question mark based on the pattern shown in the other two boxes?

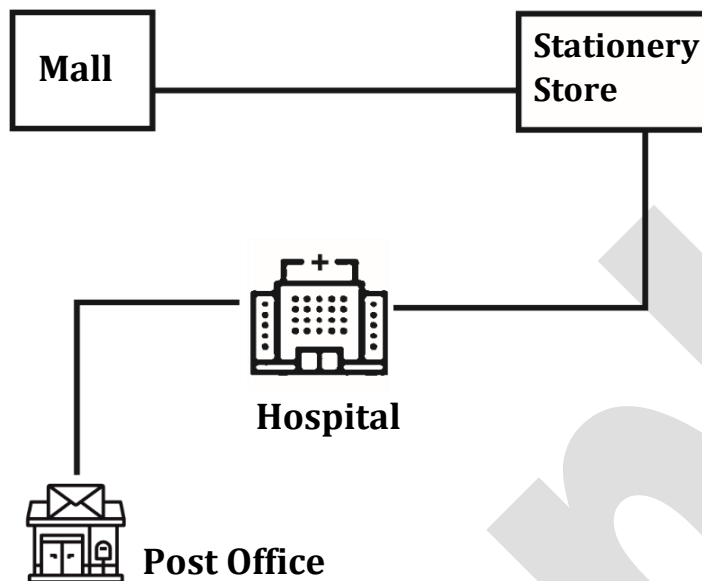


- A. 27
B. 266
C. 152
D. 112

Sample Items - TWAU

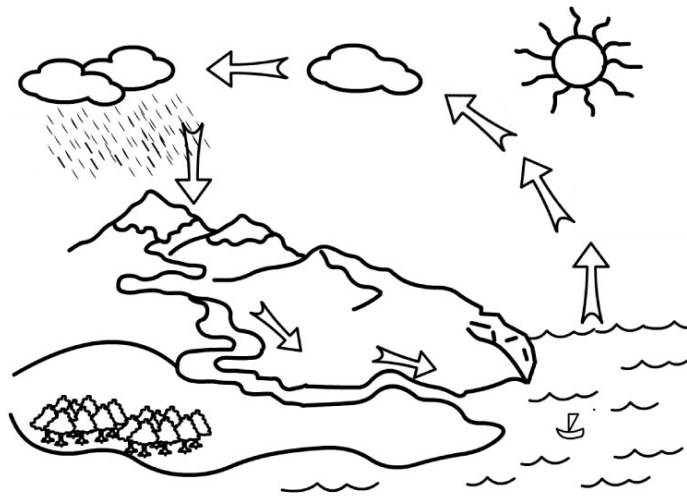
- 21. Which adaptation of Cactus helps it survive in dry environments with limited water?**
- A. Broad leaves
 - B. Deep roots
 - C. Thin stems
 - D. Shallow roots
- 22. Out of the following, which is NOT the role of panchayat in the village?**
- A. Ensuring proper water supply to the people
 - B. Building new roads and drainage systems in the village.
 - C. Renovation of community centres in the village
 - D. Implementation of law and order in the village
- 23. Which of the following correctly matches the animal with its food habit category?**
- A. Cow - Carnivorous
 - B. Lion - Herbivorous
 - C. Bear - Omnivorous
 - D. Deer - Omnivorous

24. A child is buying some pencils at the stationery store. Then, they want to go to the hospital. In which direction should they move in order to reach the hospital?



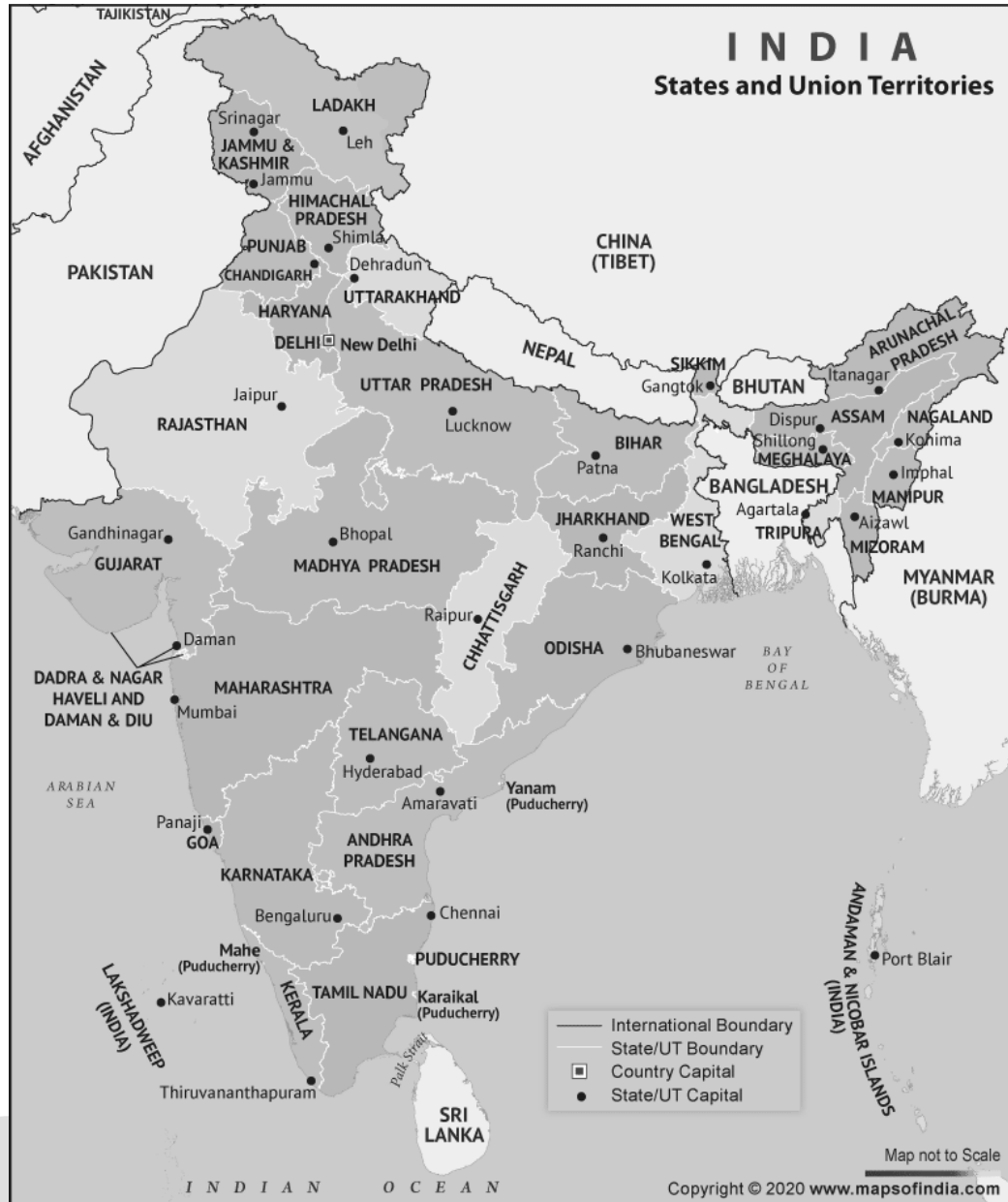
- A. First west and then east
B. First east and then south
C. First south and then west
D. First south and then east
25. Which planet takes the longest time to complete one revolution around the sun?
- A. Mercury
B. Venus
C. Earth
D. Neptune

26. Identify the natural system shown in the image.



- A. The life cycle of plants
 - B. Carbon cycle
 - C. Water cycle
 - D. The life cycle of the Sun
27. Which natural resource do solar cookers use for cooking?
- A. Wind
 - B. Wood
 - C. Sunlight
 - D. Coal
28. What are the basic manners to remember when travelling on public transport?
- A. Eat food and then leave trash behind.
 - B. Push others aside to get a seat.
 - C. Offer seats to elderly or disabled passengers.
 - D. Take up extra seats with your belongings.

29. According to the map of India given below, which of the following is the southernmost state in India?



- A. Himachal Pradesh
B. Tamil Nadu
C. Uttarakhand
D. Andhra Pradesh

30. What is the main purpose of the vein-like structures on a leaf?



- A. To give structure to the leaf
- B. To store plant waste material
- C. To attract insects for pollination
- D. To control the temperature of the leaf